



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tian, et al.

Art Unit: 1645

Serial No.: 09/732,091

Examiner: Virginia Allen Portner

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Attorney Docket No.: 088-999

Title: *Helicobacter* proteins, gene sequences and uses thereof

Commissioner for Patents  
P. O. Box 1450  
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**RESPONSE UNDER 37 C.F.R. §1.111**

In response to the Office Action dated July 16, 2004, please enter the following amendments and consider the remarks below intended to put the claims in form for allowance. Submitted herewith, together with authorization for all the necessary fees, are:

1. Petition for Three-Month Extension of Time;
2. Exhibit A: BLAST 2 SEQUENCES alignment of SEQ ID NO: 3 with 12ge20305orf30, a hypothetical *H. pylori* ORF disclosed by Smith et al. in WO 96/40893; and
3. Third Supplemental Information Disclosure Statement, revised PTO-1449 and references AS-AW.